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STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS GEOTECHNICAL UNIT

STRUCTURE SUBSURFACE INVESTIGATION

1.1	STATE	STATE P	DIECT REFERENCE NO		SEGRET	TOTAL
METRICA	N.C.	R	-2911A		1	48
	STATE PROLNO.		F. A. PROL NO.	DESCRIPTION		
	8,16	518OI	STP-70(39)		P.E.	
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For Letting

STATE PROJECT 8.1631801 LD. NO. R-2911A F.A. PROJECT STP-70(39) IREDELL COUNTY____ PROJECT DESCRIPTION US 70 FROM SR 2318 (SHILOH CHURCH RD.) NEAR STATESVILLE TO ROWAN COUNTY LINE SITE DESCRIPTIONDUAL BRIDGES ON -L- (US 70) OVER -Y5A-, -Y5- AND -Y5B- (NORFOLK SOUTHERN RAILROAD)

CAUTION NOTICE

THE SUBSURFACE INFORMATION AND THE SUBSURFACE INVESTIGATION ON WHICH IT IS BASED WAS MADE FOR THE PURPOSE OF STUDY, PLANNING AND DESIGN, AND NOT FOR CONSTRUCTION OR PAY PURPOSES. THE VARIOUS FIELD BORNING LOGS, ROCK CORES, AND SOL TEST DATA AVAILABLE MAY BE REVEWED OR INSPECTED IN RALEIGH BY CONTACTING THE N. C. DEPARTMENT OF TRANSPORTATION, GEOTECHNICAL UNIT @ 1919) 250-4088, NEITHER THE SUBSURFACE PLANS AND REPORTS, NOR THE FIELD BORING LOGS, ROCK CORES, OR SOIL TEST DATA IS PART OF THE CONTRACT.

GENERAL SOIL AND ROCK STRATA DESCRIPTIONS AND INDICATED BOUNDARIES ARE BASED ON A GEOTECHNICAL INTERPRETATION OF ALL AVAILABLE SUBSURFACE DATA AND MAY NOT NECESSARLY REFLECT THE ACTUAL SUBSURFACE CONDITIONS BETWEEN BORNGS OR BETWEEN SAMPLED STRATA WITHIN THE BOREHOLE. THE LABORATORY SAMPLE DATA AND THE IN SITU ON-PLACE) TEST DATA CAN BE RELIED ON ONLY TO THE DEGREE OF RELIBILITY INHERENT IN THE STANDARD TEST METHOD. THE OBSERVED WATER LEVELS OR SOIL MOISTURE CONDITIONS INDICATED IN THE SUBSURFACE THE DESCRIPTIONS ARE AS RECORDED AT THE TIME OF THE INVESTIGATION, THESE WATER LEVELS OR SOLL MOISTURE CONDITIONS MAY VARY CONSIDERABLY WITH TIME ACCORDING TO CLIMATIC CONDITIONS INCLIDING TEMPERATURES, PRECIPITATION AND WARD, AS WELL AS OTHER NON-CLIMATIC FACTORS.

THE BODER OR CONTRACTOR IS CAUTIONED THAT DETAILS SHOWN ON THE SUBSURFACE PLANS ARE PRELIMANARY ONLY AND IN MANY CASES THE FINAL DESIGN BETAILS ARE DIFFERENT, FOR BIDDING AND CONSTRUCTION PURPOSES, REFER TO THE CONSTRUCTION PLANS AND DOCLMENTS FOR FINAL DESIGN INFORMATION ON THIS PROJECT. THE DEPARTMENT DOCS NOT WARRANT OR GUARANTEE THE SUFFICIENCY OR ACCURACY OF THE INVESTIGATION MADE, NOR THE INTERPETATIONS MADE OR OPENION OF THE DEPARTMENT AS TO THE TYPE OF MATERIALS AND CONDITIONS TO BE ENCOUNTERED. THE BIDDER OR CONTRACTOR IS CAUTIONED TO MAKE SUCH INDEPENDENT SUBSURFACE INVESTIGATIONS AS HE DEBUS NECESSARY TO SATISFY HANSELF AS TO CONDITIONS TO BE ENCOUNTERED ON THIS PROJECT. THE CONTRACTOR SHALL HAVE NO CLAM FOR ADDITIONAL COMPENSATION OR FOR AN EXTENSION OF TIME FOR ANY REASON RESULTING FROM THE ACTUAL CONDITIONS ENCOUNTERED AT THE SITE DIFFERING THOSE NORMATION.

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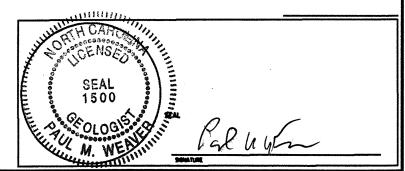
- I) NCDOT GEOTECHNICAL UNIT SOIL AND ROCK CLASSIFICATION LEGEND SHEET(SHEET 2) VICINITY MAP(DRAWING I, SHEET 3)

- 3) BORING INDENTIFICATION DIAGRAM(DRAWING 2, SHEET 4)
 4) LEFT LANE BRIDGE SUBSURFACE PROFILE AND CROSS-SECTIONS(DRAWING 3-7, SHEETS 5-9)
 5) LEFT LANE BRIDGE FINAL BORING LOGS, CORING LOGS AND CORE PHOTOGRAPHS(SHEETS 10-24)
 6) BORING INDENTIFICATION DIAGRAM(DRAWING 2, SHEET 25)
- 7) RIGHT LANE BRIDGE SUBSURFACE PROFILE AND CROSS-SECTIONS(DRAWING 8-12, SHEETS 26-30) 8) RIGHT LANE BRIDGE FINAL BORING LOGS, CORING LOGS AND CORE PHOTOGRAPHS(SHEETS 31-46)
- 9) AASHTO TEST RESULTS (SUMMARY OF LABORATORY TEST DATA) (SHEET 47)
- 10) SUMMARY OF ROCK TEST DATA(SHEET 48)

NOTE - THE INFORMATION CONTAINED HEREIN IS NOT IMPLIED OR GUARANTEED BY THE N. C. DEPARTMENT OF TRANSPORTATION AS BEING ACCURATE NOR IT IS CONSIDERED TO BE PART OF THE PLANS. SPECIFICATIONS. OR CONTRACT FOR THE PROJECT.

NOTE - BY HAVING REQUESTED THIS INFORMATION THE CONTRACTOR SPECIFICALLY WAIVES ANY CLAMS FOR INCREASED COMPENSATION OR EXTENSION OF TIME BASED ON DIFFERENCES BETWEEN THE CONDITIONS INDICATED HEREIN AND THE ACTUAL CONDITIONS AT THE PROJECT SITE.

INVESTIGAT	ED BY <u>G Licayan/ H Hudgman</u> Per	SOMMEL U KIICHEN
CHECKED B	y <u>j yinson</u>	P BOND
SUBMITTED	BY P WEAVER	R TOOTHMAN
DATE	1/5/03	B SHALL
	•	A EVANS



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